

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008988.D
 Acq On : 16 Apr 2019 15:28
 Operator : JC/SP
 Sample : K2425-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190415

Quant Time: Apr 17 05:39:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	167175	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	123395	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
50) Toluene-d8	8.71	98	518211	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.13	95	178192	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

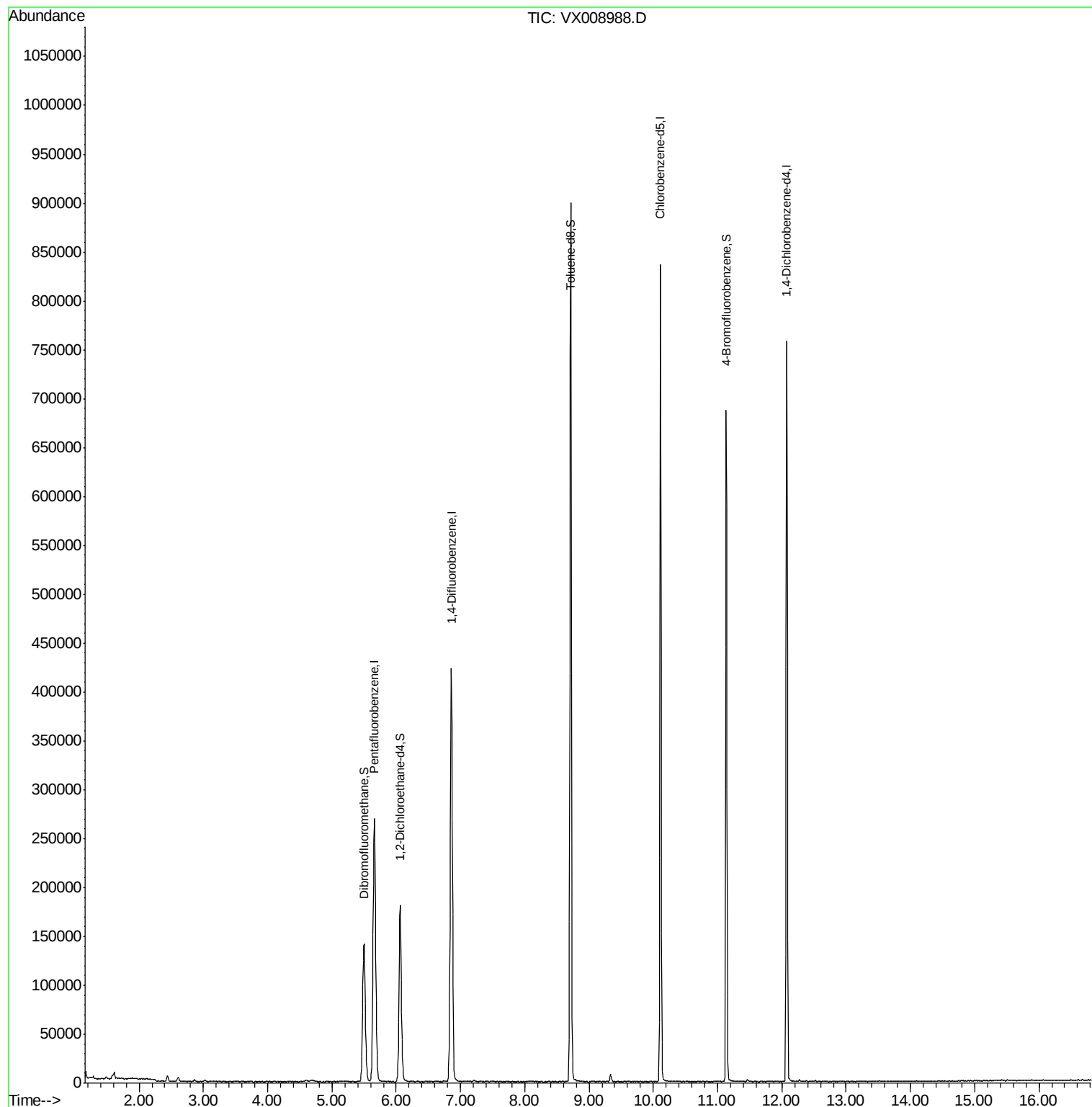
Target Compounds	Qvalue
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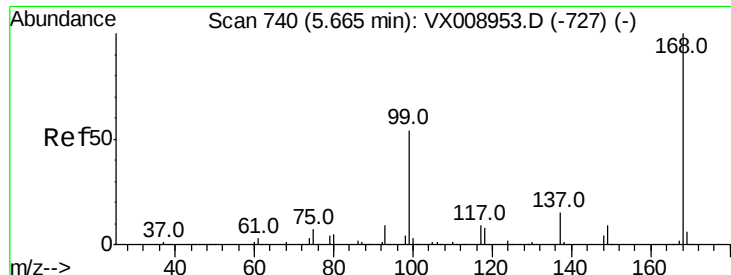
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008988.D

Acq: 16 Apr 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

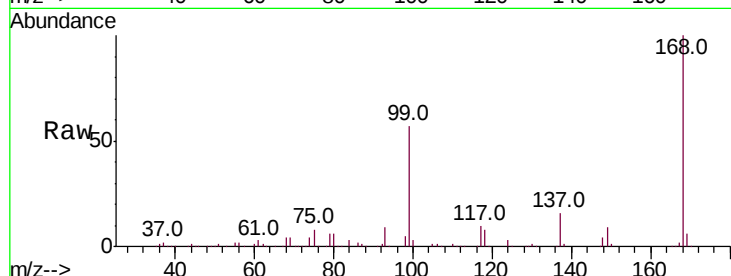
TB-01-190415

Tot Ion:168 Resp: 259203

Ion Ratio Lower Upper

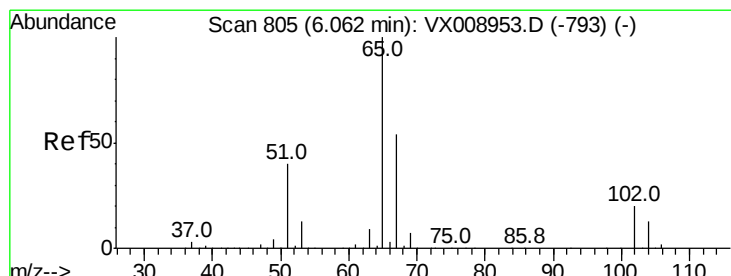
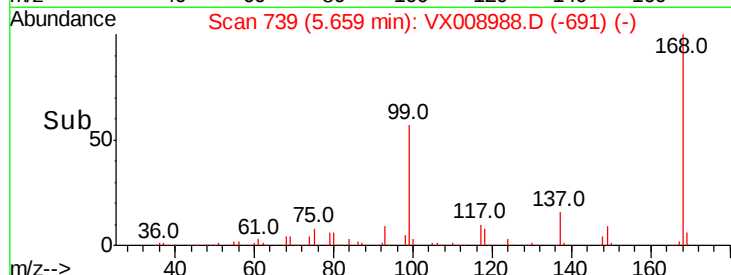
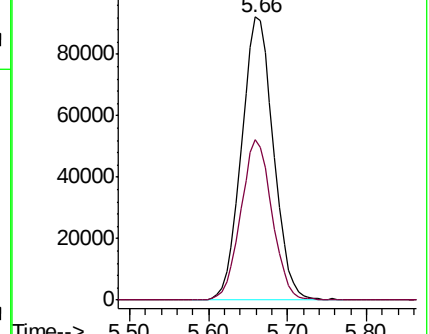
168 100

99 56.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.765 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008988.D

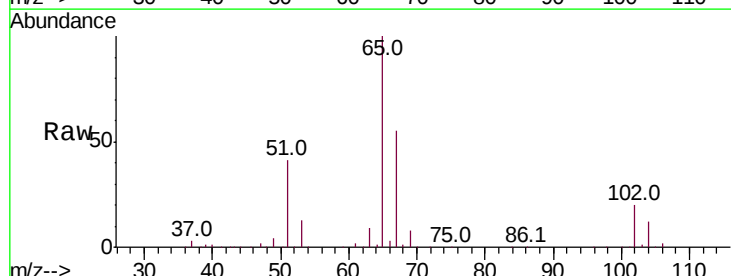
Acq: 16 Apr 2019 15:28

Tgt Ion: 65 Resp: 167175

Ion Ratio Lower Upper

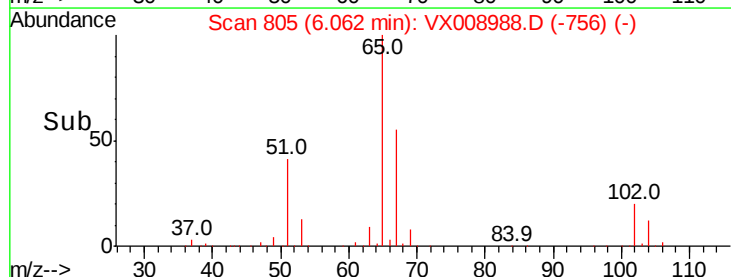
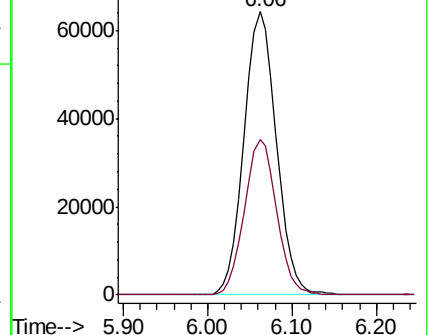
65 100

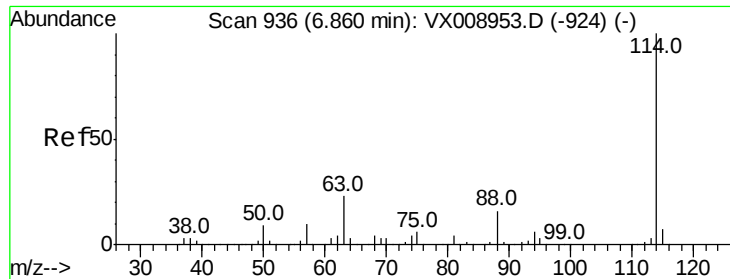
67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

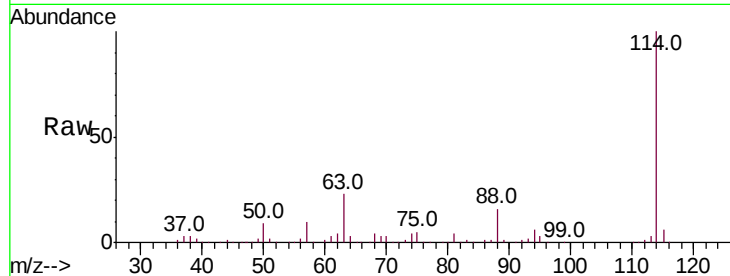




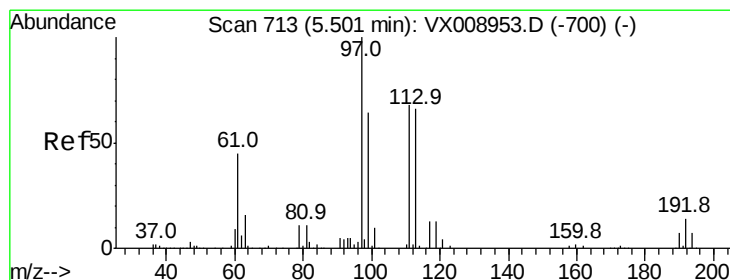
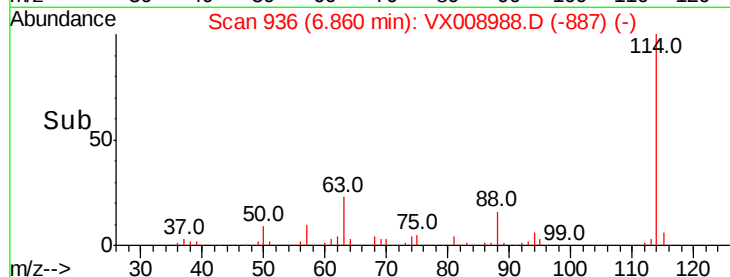
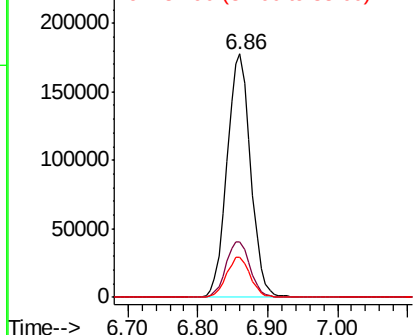
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008988.D
 Acq: 16 Apr 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190415

Tot Ion:114 Resp: 414728
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.0
 88 16.3 0.0 32.6

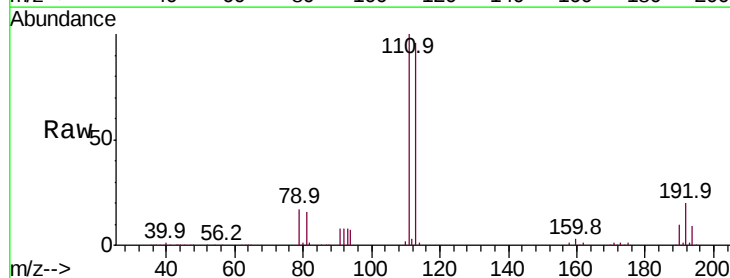


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

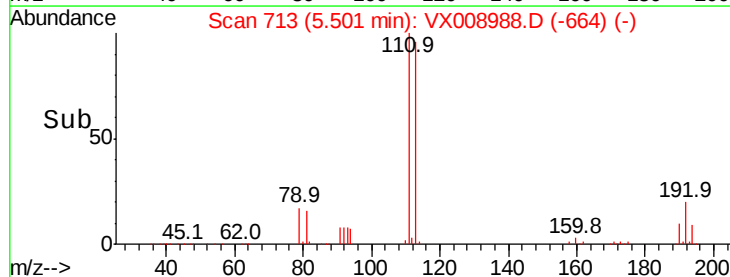
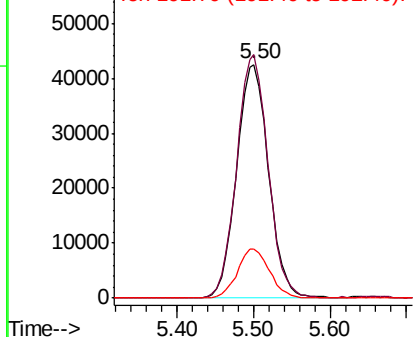


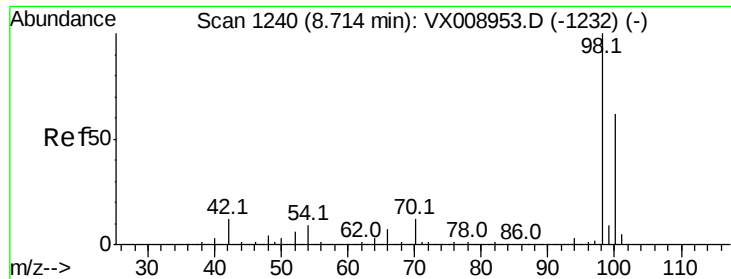
#35
 Dibromofluoromethane
 Concen: 46.361 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008988.D
 Acq: 16 Apr 2019 15:28

Tgt Ion:113 Resp: 123395
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 21.1 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.820 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008988.D

Acq: 16 Apr 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

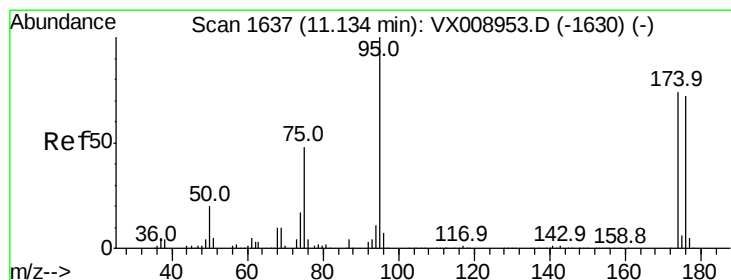
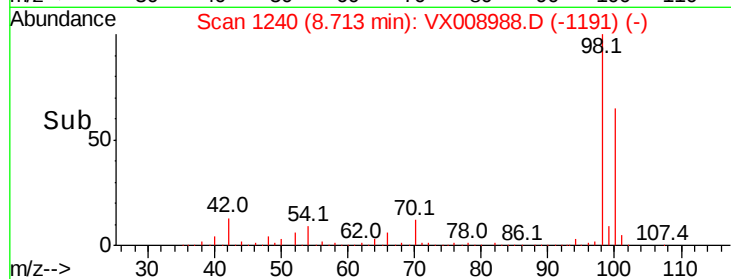
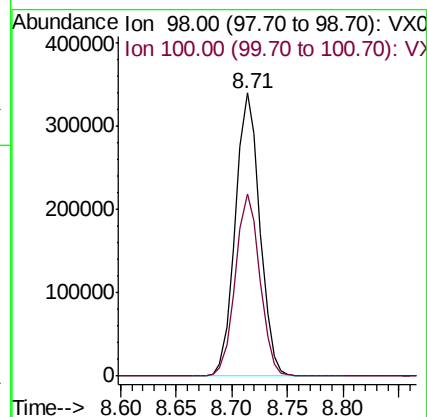
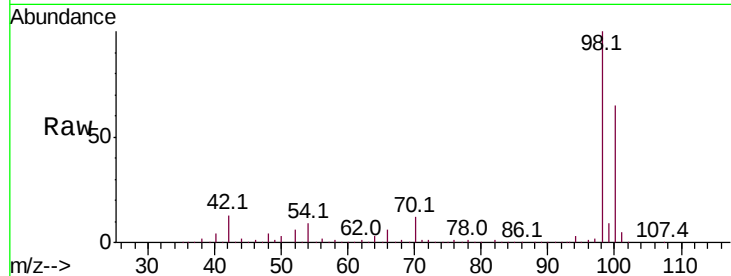
TB-01-190415

Tot Ion: 98 Resp: 518211

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 47.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008988.D

Acq: 16 Apr 2019 15:28

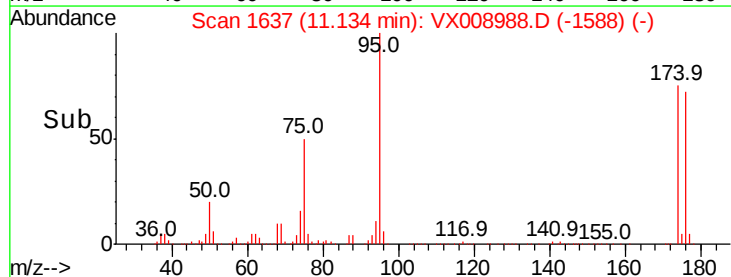
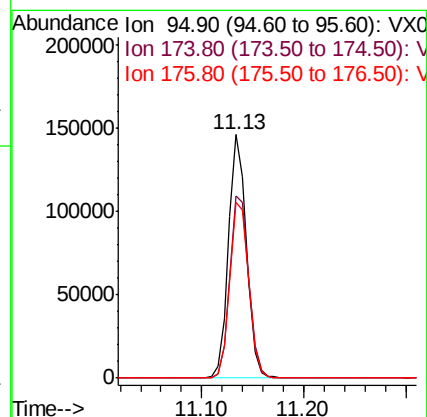
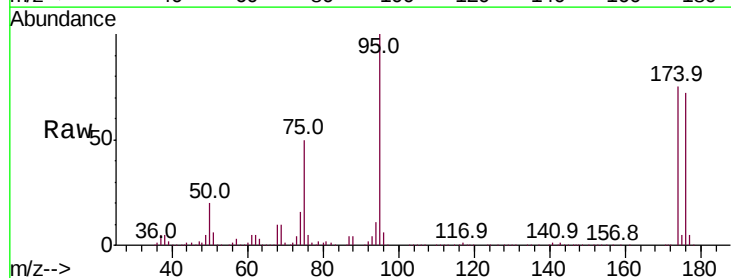
Tgt Ion: 95 Resp: 178192

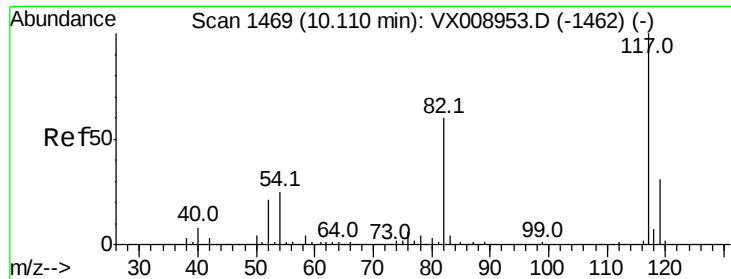
Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

176 76.1 0.0 154.8

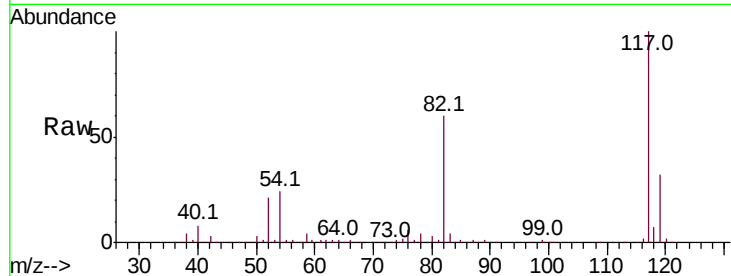




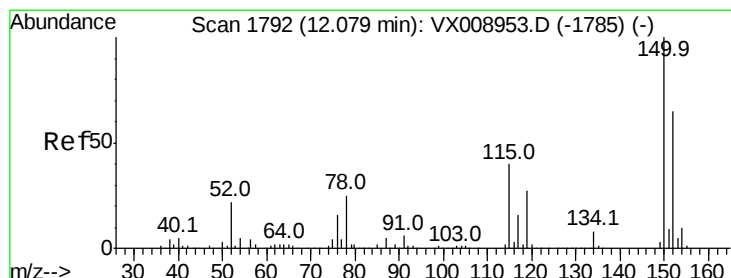
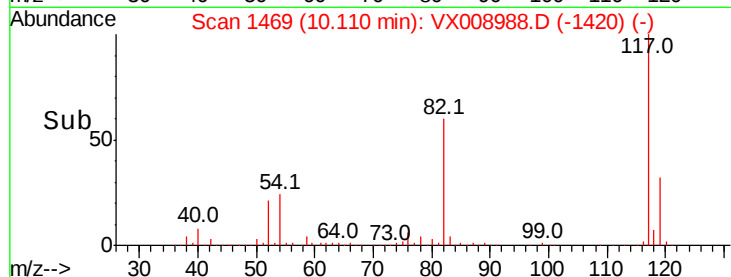
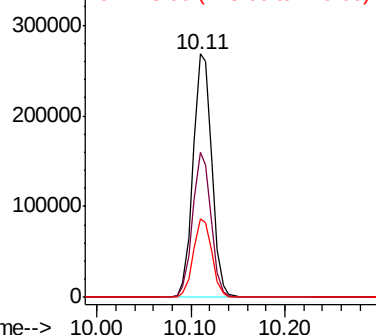
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008988.D
Acq: 16 Apr 2019 15:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190415

Tot Ion:117 Resp: 367981
Ion Ratio Lower Upper
117 100
82 59.7 48.2 72.4
119 32.0 25.0 37.6

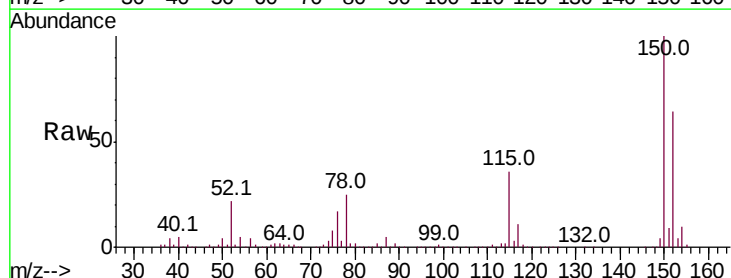


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008988.D
Acq: 16 Apr 2019 15:28

Tgt Ion:152 Resp: 158239
Ion Ratio Lower Upper
152 100
115 59.1 41.4 124.2
150 157.9 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

